

Amendments to the Claims:

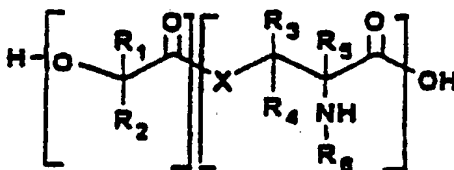
1. – 70. (Cancelled)

71. (Currently Amended) An immunogenic composition comprising ~~a~~ The particulate carrier for delivery of biologically active material to a host of claim 26, an immunogen and a physiologically acceptable carrier thereof, said carrier comprising a polymer having a molecular weight of about 5000 to about 40,000 daltons and having the general formula:

\_\_\_\_\_

wherein:

R<sub>1</sub>, R<sub>2</sub> and R<sub>4</sub> are selected independently and are selected from H, linear or



branched alkyl groups:

R<sub>3</sub> and R<sub>4</sub> are H;

R<sub>6</sub> is selected from H, an amine protecting group, a spacer molecule or a biologically active species;

X is selected from an O or S group; and

x and y are integers.

72. (Originally filed) A method of producing an immune response in a host comprising administering the immunogenic composition of claim 71 to said host.

73. (Originally filed) The method of claim 72, wherein said composition is administered mucosally or parenterally.

74. (Originally filed) The method of claim 72, wherein said immune response is an antibody response.

75. (Originally filed) The method of claim 74, wherein said antibody response is a local or serum antibody response.

76. (New) The immunogenic composition of claim 71 wherein said particulate carrier has a particle size of about 1 to 10  $\mu\text{m}$ .

77. (New) The composition of claim 71, wherein said polymer is derived by copolymerization of monomers comprising at least one  $\alpha$ -hydroxy acid and at least one pseudo- $\alpha$ -amino acid.

78. (New) The composition of claim 77, wherein the at least one  $\alpha$ -hydroxy acid has the formula of  $\text{R}_1\text{R}_2\text{COHCO}_2\text{H}$ , wherein the  $\text{R}_1$  and  $\text{R}_2$  groups are H, linear or branched alkyl units, the alkyl unit being represented by the formula  $\text{C}_n\text{H}_{2n+1}$ , where  $n$  = integer of about 1 to 10.

79. (New) The composition of claim 78, wherein said  $\alpha$ -hydroxy acids comprise a mixture of  $\alpha$ -hydroxy acids, one of said mixture of  $\alpha$ -hydroxy acids having  $\text{R}_1$  and  $\text{R}_2$  groups which are hydrogen and the other of said mixture of  $\alpha$ -hydroxy acids having an  $\text{R}_1$  group which is  $\text{CH}_3$  and  $\text{R}_2$  group which is H.

80. (New) The composition of claim 77, wherein the at least one pseudo- $\alpha$ -hydroxy acids has the formula  $\text{R}_5\text{CHNHR}_6\text{CO}_2\text{H}$ , wherein the  $\text{R}_5$  group is a hydroxyl methyl or methyl thiol group and  $\text{R}_6$  is an amine protecting group.

81. (New) The composition of claim 80, wherein the amine protecting group is selected from the group consisting of carbobenzyloxy (CBZ or Z), benzyl (Bn), paramethoxybenzyl (MeOBn), benzyloxymethoxy (BOM), tert-butyloxycarbonyl (t-BOC) and [9-fluorenylmethyl oxy]carbonyl (FMOC).

82. (New) The composition of claim 77, wherein the at least one  $\alpha$ -hydroxy acid is selected from the group consisting of L-lactic acid, D,L-lactic acid, glycolic acid, hydroxy valeric acid and hydroxybutyric acid.

83. (New) The composition of claim 77, wherein the at least one pseudo- $\alpha$ -amino acid is derived from serine.

84. (New) The composition of claim 71, wherein said at least one  $\alpha$ -hydroxy acid monomer and at least one pseudo- $\alpha$ -amino acid monomer are selected to result in poly-D, L-lactide-co-glycolide-co-pseudo-Z-serine ester (PLGpZS).

85. (New) The composition of claim 71, wherein said at least one  $\alpha$ -hydroxy acid monomer and at least one pseudo- $\alpha$ -amino acid monomer are selected to result in poly-D, L-lactide-co-glycolide-co-pseudo-serine ester (PLGpS).

86. (New) The composition of claim 71, wherein  $R_6$  is at least one biologically active species.